Andrew Freistein 10/702,149

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptabf1626

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

| | | |
|---|---|---|
| NEWS 1 | | Web Page URLs for STN Seminar Schedule - N. America |
| NEWS 2 | | "Ask CAS" for self-help around the clock |
| NEWS 3 | AUG 09 | INSPEC enhanced with 1898-1968 archive |
| NEWS 4 | AUG 28 | ADISCTI Reloaded and Enhanced |
| NEWS 5 | AUG 30 | CA(SM)/CAplus(SM) Austrian patent law changes |
| NEWS 6 | SEP 11 | CA/CAplus enhanced with more pre-1907 records |
| NEWS 7 | SEP 21 | CA/CAplus fields enhanced with simultaneous left and right truncation |
| NEWS 8 | SEP 25 | CA(SM)/CAplus(SM) display of CA Lexicon enhanced |
| NEWS 9 | SEP 25 | CAS REGISTRY(SM) no longer includes Concord 3D coordinates |
| NEWS 10 | SEP 25 | CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine |
| NEWS 11 | SEP 28 | CEABA-VTB classification code fields reloaded with new classification scheme |
| NEWS 12 | OCT 18 | The Derwent World Patents Index suite of databases on STN will be enhanced and reloaded on October 22, 2006 |

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

| | |
|---|---|
| NEWS HOURS | STN Operating Hours Plus Help Desk Availability |
| NEWS LOGIN | Welcome Banner and News Items |
| NEWS IPC8 | For general information regarding STN implementation of IPC 8 |
| NEWS X25 | X.25 communication option no longer available |

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 16:21:25 ON 18 OCT 2006

=> file reg

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 16:21:36 ON 18 OCT 2006

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 OCT 2006 HIGHEST RN 910609-94-8
DICTIONARY FILE UPDATES: 17 OCT 2006 HIGHEST RN 910609-94-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

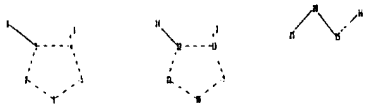
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10702149\a.str



chain nodes :

8 14 15 16 20 21
ring nodes :
1 2 3 4 5 9 10 11 12 13
chain bonds :
3-8 12-14 15-16 15-20 20-21
ring bonds :
1-2 1-5 2-3 3-4 4-5 9-10 9-13 10-11 11-12 12-13
exact/norm bonds :
1-2 1-5 2-3 3-4 3-8 4-5 9-10 9-13 10-11 11-12 12-13 12-14 15-16 20-21
exact bonds :
15-20

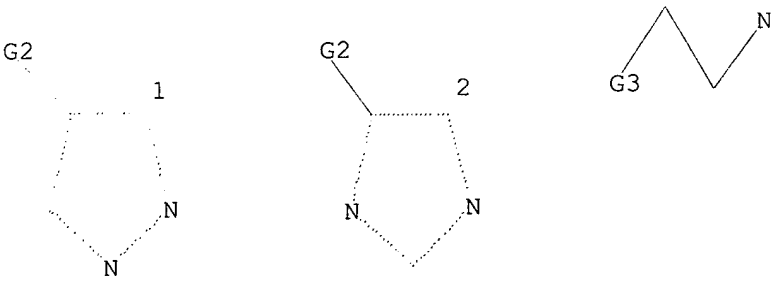
G2:H,X,Ak,CN

G3:[*1],[*2]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:CLASS 15:CLASS 16:CLASS 20:CLASS 21:CLASS

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR




G1
G2 H,X,Ak,CN
G3 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

=> s l1
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SAMPLE SCREEN SEARCH COMPLETED - 12621 TO ITERATE

15.8% PROCESSED 2000 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 245689 TO 259151

PROJECTED ANSWERS: 228010 TO 240986

L2 50 SEA SSS SAM L1

=>
Uploading C:\Program Files\Stnexp\Queries\10702149\a2.str

chain nodes :
8 14 15 16 20 21 22
ring nodes :
1 2 3 4 5 9 10 11 12 13
chain bonds :
3-8 12-14 15-16 15-20 20-21 20-22
ring bonds :
1-2 1-5 2-3 3-4 4-5 9-10 9-13 10-11 11-12 12-13
exact/norm bonds :
1-2 1-5 2-3 3-4 3-8 4-5 9-10 9-13 10-11 11-12 12-13 12-14 15-16 20-21
20-22
exact bonds :
15-20

G2:H,X,Ak,CN

G3:[*1],[*2]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:CLASS 15:CLASS 16:CLASS 20:CLASS 21:CLASS 22:CLASS

L3 STRUCTURE UPLOADED

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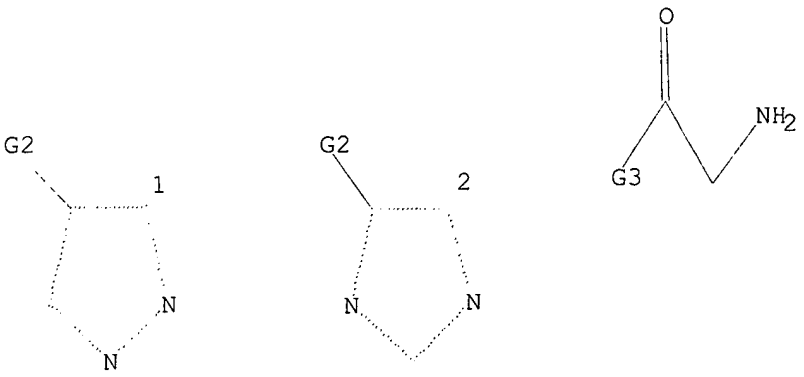
L3 HAS NO ANSWERS
L3 STR




G1

G2 H,X,Ak,CN

G3 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

=> s l3
SAMPLE SEARCH INITIATED 16:23:25 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 174 TO ITERATE

100.0% PROCESSED 174 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2689 TO 4271
PROJECTED ANSWERS: 2 TO 124

L4 2 SEA SSS SAM L3

=> s l4 full
FULL SEARCH INITIATED 16:23:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3286 TO ITERATE

100.0% PROCESSED 3286 ITERATIONS 10 ANSWERS
SEARCH TIME: 00.00.01

L5 10 SEA SSS FUL L3

=> file hcaplus

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 167.82 | 168.03 |

FILE 'HCAPLUS' ENTERED AT 16:23:37 ON 18 OCT 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.


FILE COVERS 1907 - 18 Oct 2006 VOL 145 ISS 17
FILE LAST UPDATED: 17 Oct 2006 (20061017/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l10
L10 NOT FOUND
The L-number entered has not been defined in this session, or it
has been deleted. To see the L-numbers currently defined in this
session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s l5
L6 10 L5

=> d ibib hitstr 1-10

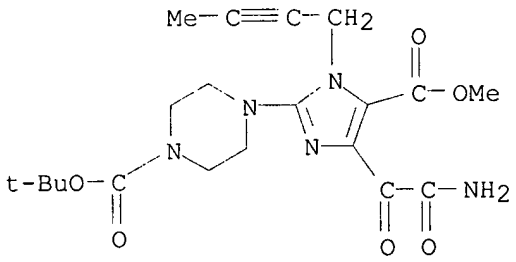
L6 ANSWER 1 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:523288 HCAPLUS
DOCUMENT NUMBER: 143:59991
TITLE: Preparation of fused imidazole derivatives such as dihydroimidazopyridazine, dihydroimidzolpyridine, hypoxanthine, and xanthine derivatives and preventives or therapeutic agents for multiple sclerosis
INVENTOR(S): Muramoto, Kenzo; Yasuda, Nobuyuki
PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan
SOURCE: PCT Int. Appl., 139 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2005053695 | A1 | 20050616 | WO 2004-JP14857 | 20041007 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

PRIORITY APPLN. INFO.: JP 2003-405337 A 20031204
OTHER SOURCE(S): MARPAT 143:59991
IT 635723-13-6P, 4-[4-[(Aminocarbonyl)carbonyl]-1-(2-butynyl)-5-methoxycarbonyl-1H-imidazol-2-yl]piperazine-1-carboxylic acid tert-butyl ester
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of fused imidazole derivs. such as dihydroimidazopyridazine, dihydroimidzolpyridine, hypoxanthine, and xanthine derivs. and preventives or therapeutic agents for multiple sclerosis)
RN 635723-13-6 HCAPLUS
CN 1-Piperazinecarboxylic acid, 4-[4-(aminooxoacetyl)-1-(2-butynyl)-5-(methoxycarbonyl)-1H-imidazol-2-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:287778 HCAPLUS
DOCUMENT NUMBER: 140:303701
TITLE: Preparation of piperazine derivatives as dipeptidyl peptidase IV inhibitors
INVENTOR(S): Yasuda, Nobuyuki; Yamazaki, Kazuto
PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan
SOURCE: PCT Int. Appl., 302 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004028524 | A1 | 20040408 | WO 2003-JP12075 | 20030922 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR,

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

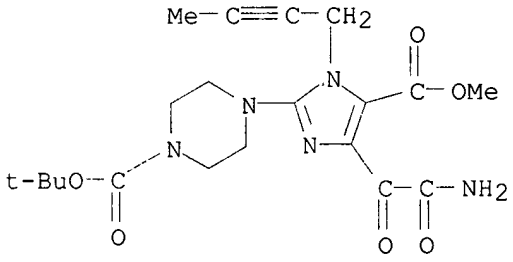
| | | | | | |
|---|---|---|---|---|---|
| CA 2498423 | AA | 20040408 | CA 2003-2498423 | | 20030922 |
| AU 2003266559 | A1 | 20040419 | AU 2003-266559 | | 20030922 |
| AU 2003266559 | A2 | 20050707 | | | |
| EP 1557165 | A1 | 20050727 | EP 2003-798438 | | 20030922 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | | |
| BR 2003014655 | A | 20050802 | BR 2003-14655 | | 20030922 |
| CN 1700911 | A | 20051123 | CN 2003-825394 | | 20030922 |
| NO 2005002018 | A | 20050622 | NO 2005-2018 | | 20050425 |
| US 2006094722 | A1 | 20060504 | US 2006-528353 | | 20060103 |
| PRIORITY APPLN. INFO.: | | | JP 2002-280137 | A | 20020926 |
| | | | JP 2003-117927 | A | 20030423 |
| | | | WO 2003-JP12075 | W | 20030922 |

OTHER SOURCE(S): MARPAT 140:303701

IT 635723-13-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of piperazine derivs. as dipeptidyl peptidase IV inhibitors)

RN 635723-13-6 HCAPLUS

CN 1-Piperazinecarboxylic acid, 4-[4-(aminooxoacetyl)-1-(2-butynyl)-5-(methoxycarbonyl)-1H-imidazol-2-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



L6 ANSWER 3 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:991509 HCAPLUS
DOCUMENT NUMBER: 140:42192
TITLE: Preparation of purinone derivatives as dipeptidylpeptidase IV (DPP-IV) inhibitors
INVENTOR(S): Yoshikawa, Seiji; Emori, Eita; Matsuura, Fumiyoshi; Richard, Clark; Ikuta, Hironori; Kira, Kazunobu; Yasuda, Nobuyuki; Nagakura, Tadashi; Yamazaki, Kazuto
PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan
SOURCE: PCT Int. Appl., 376 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

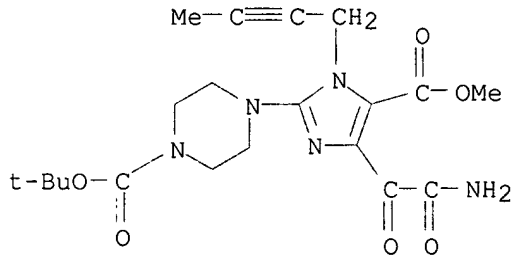
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2003104229 | A1 | 20031218 | WO 2003-JP7010 | 20030603 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2485641 | AA | 20031218 | CA 2003-2485641 | 20030603 |
| AU 2003241960 | A1 | 20031222 | AU 2003-241960 | 20030603 |
| EP 1514552 | A1 | 20050316 | EP 2003-733276 | 20030603 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2003011697 | A | 20050322 | BR 2003-11697 | 20030603 |
| JP 3675813 | B2 | 20050727 | JP 2004-511299 | 20030603 |
| CN 1675208 | A | 20050928 | CN 2003-818968 | 20030603 |
| US 2004116328 | A1 | 20040617 | US 2003-457002 | 20030606 |
| JP 2005145951 | A2 | 20050609 | JP 2004-249414 | 20040830 |
| NO 2005000054 | A | 20050210 | NO 2005-54 | 20050105 |
| US 2006100199 | A1 | 20060511 | US 2005-516971 | 20050816 |
| US 2006063787 | A1 | 20060323 | US 2005-212407 | 20050826 |
| PRIORITY APPLN. INFO.: | | | JP 2002-166069 | A 20020606 |
| | | | JP 2002-209373 | A 20020718 |
| | | | JP 2002-307750 | A 20021023 |
| | | | JP 2004-511299 | A3 20030603 |
| | | | WO 2003-JP7010 | W 20030603 |
| | | | US 2003-457002 | B1 20030606 |

OTHER SOURCE(S): MARPAT 140:42192

IT 635723-13-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of purinone derivs. as dipeptidylpeptidase IV inhibitors)

RN 635723-13-6 HCAPLUS

CN 1-Piperazinecarboxylic acid, 4-[4-(aminooxoacetyl)-1-(2-butynyl)-5-(methoxycarbonyl)-1H-imidazol-2-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



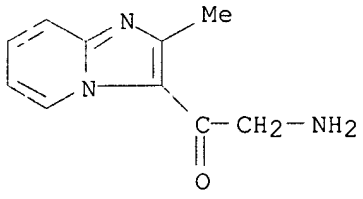

REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:366971 HCAPLUS
DOCUMENT NUMBER: 136:386124

TITLE: Preparation of amidoalkyluracils as inhibitors of poly(ADP-ribose)synthetase (PARS)
INVENTOR(S): Albrecht, Barbara; Gerisch, Michael; Handke, Gabriele; Jensen, Axel; Krahn, Thomas; Nickl, Werner; Oehme, Felix; Schlemmer, Karl-Heinz; Steinhagen, Henning
PATENT ASSIGNEE(S): Bayer Ag, Germany
SOURCE: Ger. Offen., 70 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

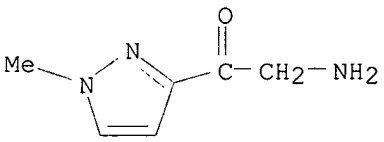
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| DE 10056312 | A1 | 20020516 | DE 2000-10056312 | 20001114 |
| CA 2428335 | AA | 20020523 | CA 2001-2428335 | 20011102 |
| WO 2002040455 | A1 | 20020523 | WO 2001-EP12694 | 20011102 |
| WO 2002040455 | C1 | 20020718 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2002024825 | A5 | 20020527 | AU 2002-24825 | 20011102 |
| EP 1339699 | A1 | 20030903 | EP 2001-994632 | 20011102 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| US 2005075347 | A1 | 20050407 | US 2003-416622 | 20031229 |
| PRIORITY APPLN. INFO.: | | | DE 2000-10056312 A | 20001114 |
| | | | WO 2001-EP12694 W | 20011102 |

OTHER SOURCE(S): MARPAT 136:386124
IT 425634-94-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of amidoalkyluracils as inhibitors of poly(ADP-ribose)synthetase (PARS))
RN 425634-94-2 HCAPLUS
CN Ethanone, 2-amino-1-(2-methylimidazo[1,2-a]pyridin-3-yl)-, monohydrochloride (9CI) (CA INDEX NAME)



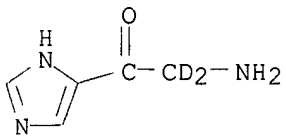

● HCl

L6 ANSWER 5 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:968342 HCAPLUS
DOCUMENT NUMBER: 124:193346
TITLE: The chemistry of pseudomonic acid. Part 14. Synthesis and in vivo biological activity of heterocycle-substituted oxazole derivatives
AUTHOR(S): Broom, N. J. P.; Elder, J. S.; Hannan, P. C. T.; Pons, J. E.; O'Hanlon, P. J.; Walker, G.; Wilson, J.; Woodall, P.
CORPORATE SOURCE: SmithKline Beecham Pharmaceuticals, Betchworth, Surrey, RH3 7AJ, UK
SOURCE: Journal of Antibiotics (1995), 48(11), 1336-44
CODEN: JANTAJ; ISSN: 0021-8820
PUBLISHER: Japan Antibiotics Research Association
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 173038-53-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and bactericidal activity of heterocycle-substituted oxazole derivs.)
RN 173038-53-4 HCAPLUS
CN Ethanone, 2-amino-1-(1-methyl-1H-pyrazol-3-yl)-, monohydrochloride (9CI) (CA INDEX NAME)

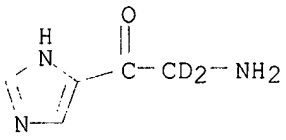



● HCl

L6 ANSWER 6 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1990:624867 HCAPLUS
DOCUMENT NUMBER: 113:224867
TITLE: Formation of β-hydroxyhistamine from β-hydroxyhistidine in rat organs and characterization of its synthetic enzyme prepared from rat stomach
AUTHOR(S): Kamimura, Hiroshi; Hasegawa, Takeshi; Nakajima, Teruo
CORPORATE SOURCE: Dep. Neuropsychiatry, Kyoto Prefect. Univ. Med., Kyoto, 602, Japan
SOURCE: Biomedical Research (1989), 10(Suppl. 3), 241-50
CODEN: BRESD5; ISSN: 0388-6107
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 127413-39-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 127413-39-2 HCAPLUS
CN Ethanone-2,2-d2, 2-amino-1-(1H-imidazol-4-yl)- (9CI) (CA INDEX NAME)



L6 ANSWER 7 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1990:403587 HCAPLUS
DOCUMENT NUMBER: 113:3587
TITLE: Formation of β-hydroxyhistamine from β-hydroxyhistidine. Its formation in rat organs and characterization of the synthesizing enzyme prepared from rat stomach
AUTHOR(S): Kamimura, Hiroshi
CORPORATE SOURCE: Dep. Neuropsychiatry, Kyoto Prefect. Univ. Med., Kyoto, Japan
SOURCE: Kyoto-furitsu Ika Daigaku Zasshi (1989), 98(12), 1227-37
CODEN: KFIZAO; ISSN: 0023-6012
DOCUMENT TYPE: Journal
LANGUAGE: Japanese
IT 127413-39-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and use of, as internal standard for β-hydroxyhistamine)
RN 127413-39-2 HCAPLUS
CN Ethanone-2,2-d2, 2-amino-1-(1H-imidazol-4-yl)- (9CI) (CA INDEX NAME)



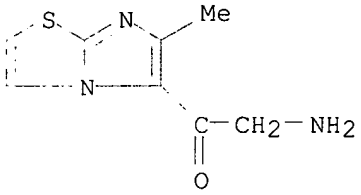
L6 ANSWER 8 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1987:176381 HCAPLUS
DOCUMENT NUMBER: 106:176381
TITLE: Oxodiazinylimidazopyridines, -pyrimidines, and -thiazoles
INVENTOR(S): Oa, Hideki; Obata, Minoru; Yamanaka, Tsutomu; Mikashima, Hiroshi
PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 8607059 | A2 | 19861204 | WO 1986-JP241 | 19860512 |
| WO 8607059 | A3 | 19870312 | | |

W: JP
RW: AT, BE, CH, DE, FR, GB, IT, NL, SE

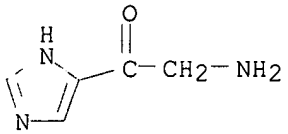
| | | | | | |
|---|---|---|---|---|---|
| EP 226641 | A1 | 19870701 | EP 1986-902913 | | 19860512 |
| EP 226641 | B1 | 19891018 | | | |
| R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE | | | | | |
| JP 63500031 | T2 | 19880107 | JP 1986-502620 | | 19860512 |
| AT 47393 | E | 19891115 | AT 1986-902913 | | 19860512 |
| US 4713381 | A | 19871215 | US 1986-867170 | | 19860527 |
| PRIORITY APPLN. INFO.: | | | JP 1985-112715 | A | 19850525 |
| | | | EP 1986-902913 | A | 19860512 |
| | | | WO 1986-JP241 | W | 19860512 |

OTHER SOURCE(S): CASREACT 106:176381; MARPAT 106:176381
IT 107720-16-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(condensation of, with Et chloroformate)
RN 107720-16-1 HCAPLUS
CN Ethanone, 2-amino-1-(6-methylimidazo[2,1-b]thiazol-5-yl)-, hydrochloride (9CI) (CA INDEX NAME)

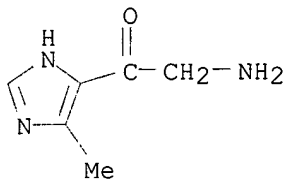



●x HCl

L6 ANSWER 9 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1985:6314 HCAPLUS
DOCUMENT NUMBER: 102:6314
TITLE: Oxygenated analogs of 4-[(1H-imidazol-4-yl)methyl]-2,5-dimethyloxazole
AUTHOR(S): Kukla, Michael J.; Fortunato, James M.
CORPORATE SOURCE: Dep. Chem., McNeil Pharm., Spring House, PA, 19477, USA
SOURCE: Journal of Organic Chemistry (1984), 49(25), 5003-6
CODEN: JOCEAH; ISSN: 0022-3263
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 102:6314
IT 92901-93-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 92901-93-4 HCAPLUS
CN Ethanone, 2-amino-1-(1H-imidazol-4-yl)- (9CI) (CA INDEX NAME)



L6 ANSWER 10 OF 10 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1940:36013 HCAPLUS
DOCUMENT NUMBER: 34:36013
ORIGINAL REFERENCE NO.: 34:5446h-i
TITLE: Synthesis of the alkamine derivatives of imidazole
AUTHOR(S): Tamamusi, Yuzo
SOURCE: Yakugaku Zasshi (1940), 60, 189-91
CODEN: YKKZAJ; ISSN: 0031-6903
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
IT 858489-26-6, Ketone, aminomethyl 4-methyl-5-imidazolyl (derivs.)
RN 858489-26-6 HCAPLUS
CN Ketone, aminomethyl 4-methyl-5-imidazolyl (4CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS

| | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 52.81 | 220.84 |

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STRUCTURE FILE UPDATES: 17 OCT 2006 HIGHEST RN 910609-94-8
DICTIONARY FILE UPDATES: 17 OCT 2006 HIGHEST RN 910609-94-8

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10702149\a3.str

chain nodes :
8 14 15 16 20 21 22 23 24 25 26
ring nodes :
1 2 3 4 5 9 10 11 12 13
chain bonds :
1-23 3-8 10-25 12-14 15-16 15-20 20-21 20-22 23-24 25-26
ring bonds :
1-2 1-5 2-3 3-4 4-5 9-10 9-13 10-11 11-12 12-13
exact/norm bonds :
1-2 1-5 1-23 2-3 3-4 3-8 4-5 9-10 9-13 10-11 11-12 12-13 12-14 15-16
20-21 20-22 23-24 25-26
exact bonds :
10-25 15-20

G2:H,X,Ak,CN

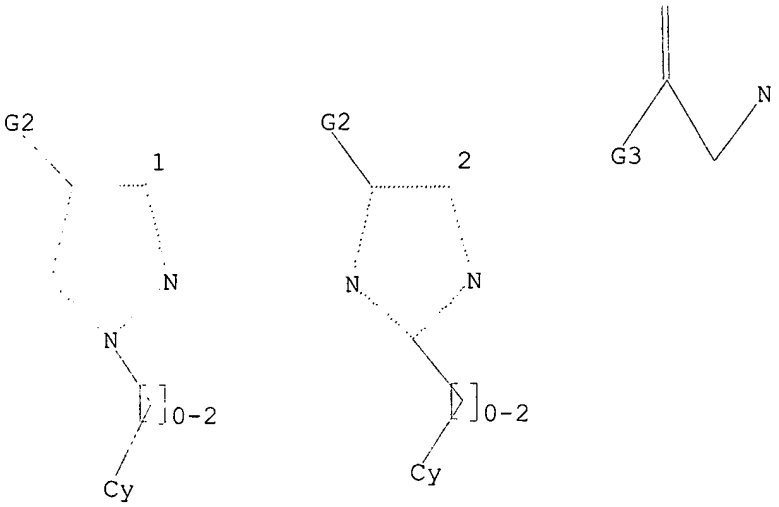
G3:[*1],[*2]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:CLASS 15:CLASS 16:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS
24:Atom 25:CLASS 26:Atom

Generic attributes :
24:
Saturation : Unsaturated
26:
Saturation : Unsaturated

L7 STRUCTURE UPLOADED

=> d
L7 HAS NO ANSWERS
L7 STR




G1
G2 H,X,Ak,CN
G3 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 16:27:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 174 TO ITERATE

100.0% PROCESSED 174 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2689 TO 4271
PROJECTED ANSWERS: 2 TO 124

L8 2 SEA SSS SAM L7

=> s l7 full
FULL SEARCH INITIATED 16:28:02 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 3286 TO ITERATE

100.0% PROCESSED 3286 ITERATIONS 38 ANSWERS
SEARCH TIME: 00.00.01

L9 38 SEA SSS FUL L7

=> file hcaplus

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 166.94 | 387.78 |

FILE 'HCAPLUS' ENTERED AT 16:28:05 ON 18 OCT 2006
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FILE COVERS 1907 - 18 Oct 2006 VOL 145 ISS 17
FILE LAST UPDATED: 17 Oct 2006 (20061017/ED)

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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l9
L10 4 L9

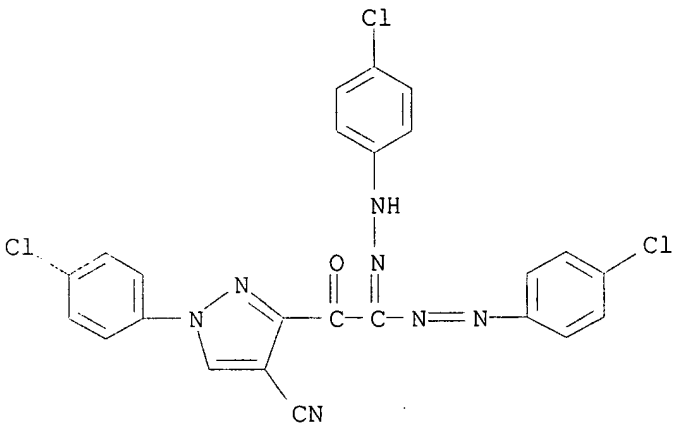
=> d ibib hitstr 1-4

L10 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:1027321 HCAPLUS
DOCUMENT NUMBER: 143:440330
TITLE: Studies on enaminonitriles: A new synthesis of 1,3-substituted pyrazole-4-carbonitrile
AUTHOR(S): Ghozlan, Said Ahmed Soliman; Abdelhamid, Ismail Abdelshafy; Gaber, Hatem Moustafa; Elnagdi, Mohamed Hilmy
CORPORATE SOURCE: Department of Chemistry, Faculty of Science, Cairo University, Giza, Egypt
SOURCE: Journal of Heterocyclic Chemistry (2005), 42(6), 1185-1189
CODEN: JHTCAD; ISSN: 0022-152X
PUBLISHER: HeteroCorporation
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 868701-64-8P
RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of pyrazolecarbonitriles by 1,3-dipolar cycloaddn. of aminoacrylonitrile to hydrazonyl chlorides)

RN 868701-64-8 HCAPLUS

CN 1H-Pyrazole-4-carbonitrile, 1-(4-chlorophenyl)-3-[[(4-chlorophenyl)azo][(4-chlorophenyl)hydrazono]acetyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:515489 HCAPLUS

DOCUMENT NUMBER: 141:54345

TITLE: Preparation of pyrazoles and imidazoles as cannabinoid CB1 receptor antagonists.

INVENTOR(S): Dow, Robert Lee; Hammond, Marlys

PATENT ASSIGNEE(S): Pfizer Products Inc., USA

SOURCE: PCT Int. Appl., 102 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| WO 2004052864 | A1 | 20040624 | WO 2003-IB5835 | 20031203 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2004122074 | A1 | 20040624 | US 2003-702149 | 20031104 |
| CA 2505887 | AA | 20040624 | CA 2003-2505887 | 20031203 |
| AU 2003286315 | A1 | 20040630 | AU 2003-286315 | 20031203 |
| EP 1572662 | A1 | 20050914 | EP 2003-777058 | 20031203 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |

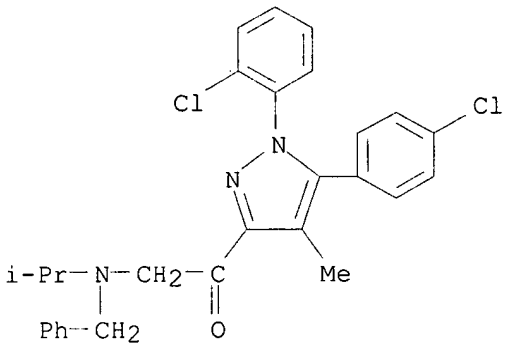
| | | | | | |
|---|---|---|---|---|---|
| BR 2003017096 | A | 20051025 | BR 2003-17096 | | 20031203 |
| JP 2006514942 | T2 | 20060518 | JP 2004-558286 | | 20031203 |
| PRIORITY APPLN. INFO.: | | | US 2002-432911P | P | 20021212 |
| | | | WO 2003-IB5835 | W | 20031203 |

OTHER SOURCE(S): MARPAT 141:54345

IT 709033-46-5P 709033-74-9P 709033-86-3P
709033-88-5P 709033-89-6P 709033-94-3P
709033-97-6P 709033-98-7P 709034-07-1P
709034-08-2P 709034-10-6P 709034-14-0P
709034-15-1P 709034-23-1P 709034-27-5P
709034-29-7P 709034-30-0P 709034-31-1P
709034-42-4P 709034-46-8P 709034-47-9P
709034-50-4P 709034-51-5P 709034-59-3P
709034-62-8P 709034-63-9P 709034-73-1P
709034-84-4P 709034-90-2P 709035-03-0P
709035-26-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrazoles and imidazoles as cannabinoid CB1 receptor antagonists)

RN 709033-46-5 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(1-methylethyl)(phenylmethyl)amino]-, hydrochloride (9CI) (CA INDEX NAME)




● x HCl

RN 709033-74-9 HCAPLUS

CN Formic acid, compd. with 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-(ethyl-1,3,4-thiadiazol-2-ylamino)ethanone (9CI) (CA INDEX NAME)

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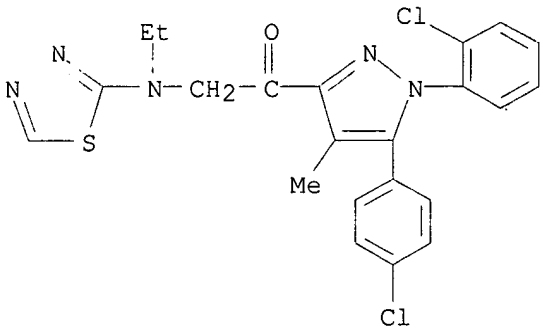
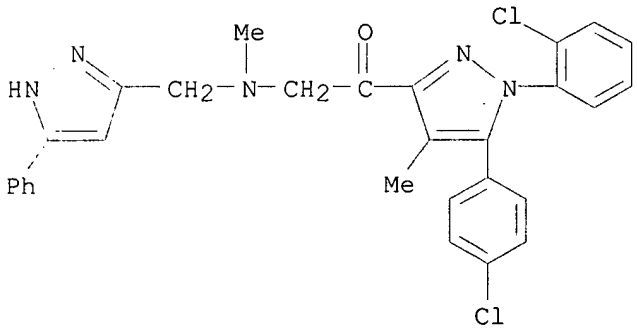
CRN 709033-73-8
CMF C22 H19 Cl2 N5 O S



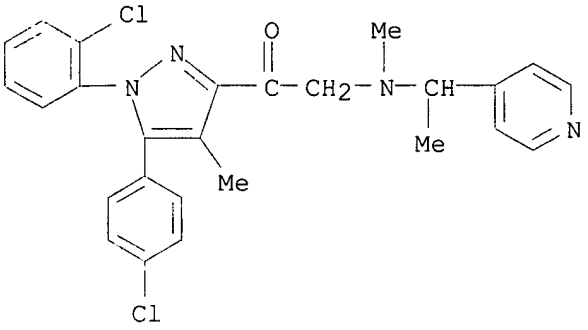
CM 2

CRN 64-18-6
CMF C H2 O2

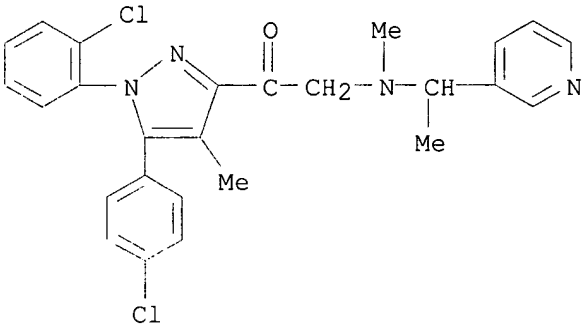
RN 709033-86-3 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[(5-phenyl-1H-pyrazol-3-yl)methyl]amino]- (9CI) (CA INDEX NAME)



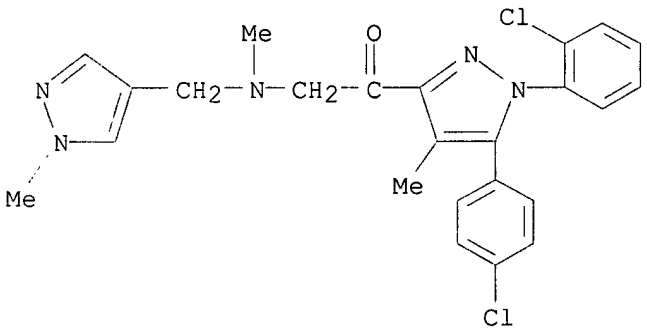
RN 709033-88-5 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[1-(4-pyridinyl)ethyl]amino]- (9CI) (CA INDEX NAME)



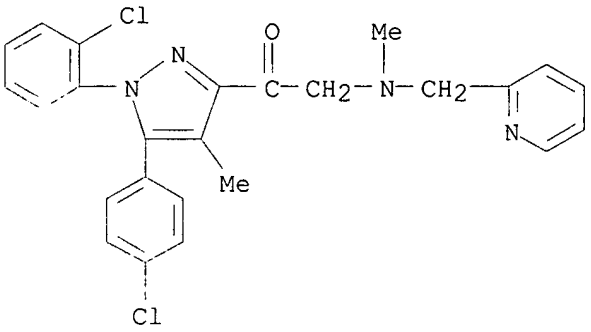
RN 709033-89-6 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[1-(3-pyridinyl)ethyl]amino]- (9CI) (CA INDEX NAME)



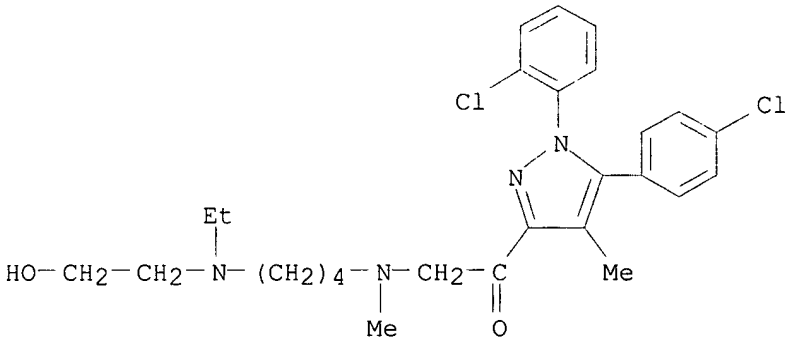
RN 709033-94-3 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[(1-methyl-1H-pyrazol-4-yl)methyl]amino]- (9CI) (CA INDEX NAME)



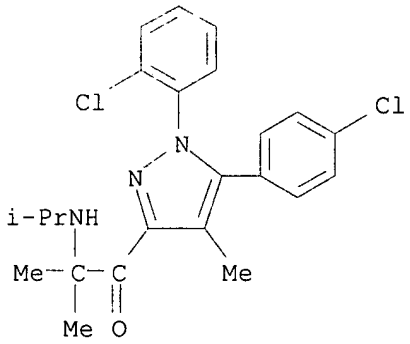
RN 709033-97-6 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl(2-pyridinylmethyl)amino]- (9CI) (CA INDEX NAME)



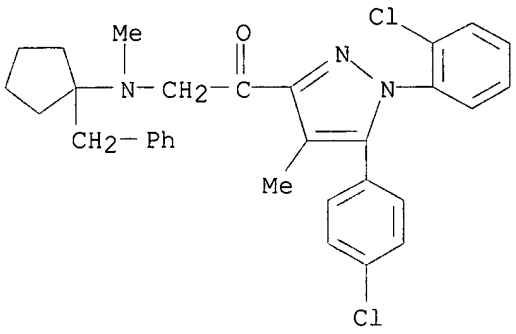
RN 709033-98-7 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[[4-[ethyl(2-hydroxyethyl)amino]butyl]methylamino]- (9CI) (CA INDEX NAME)



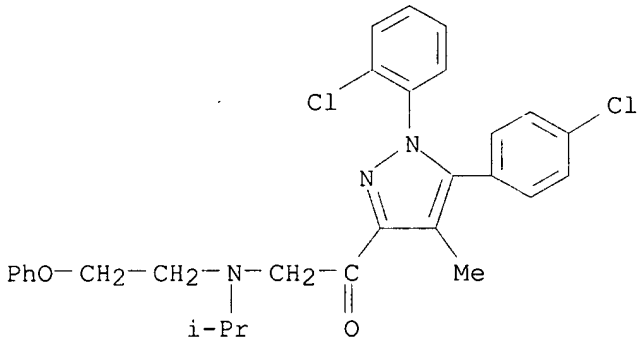
RN 709034-07-1 HCAPLUS
CN 1-Propanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-methyl-2-[(1-methylethyl)amino]- (9CI) (CA INDEX NAME)



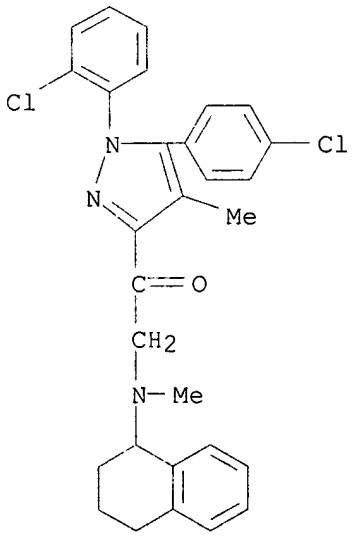
RN 709034-08-2 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[1-(phenylmethyl)cyclopentyl]amino]- (9CI) (CA INDEX NAME)



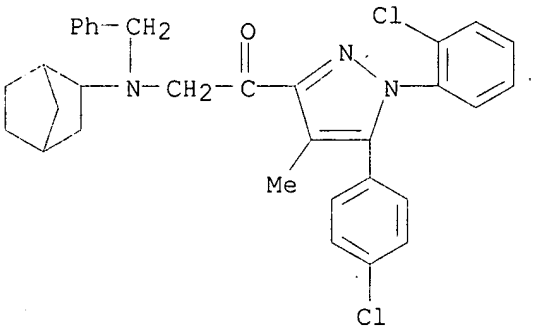
RN 709034-10-6 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(1-methylethyl)(2-phenoxyethyl)amino]- (9CI) (CA INDEX NAME)



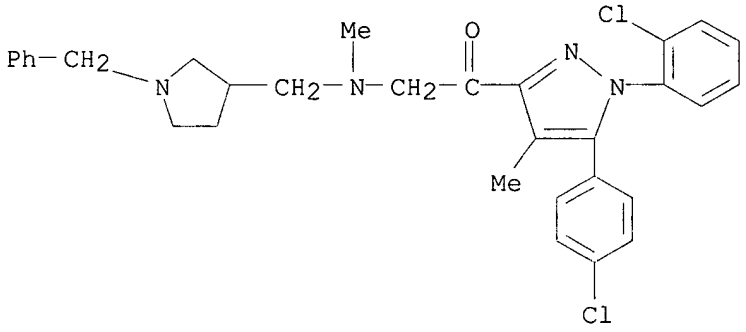
RN 709034-14-0 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl(1,2,3,4-tetrahydro-1-naphthalenyl)amino]- (9CI) (CA INDEX NAME)



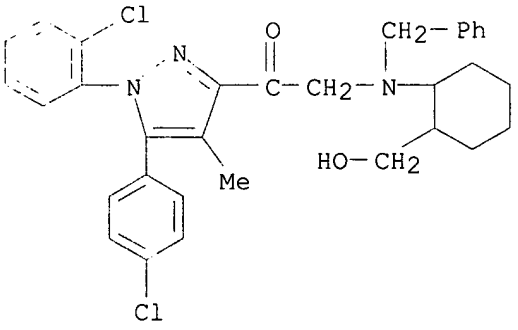
RN 709034-15-1 HCAPLUS
CN Ethanone, 2-[bicyclo[2.2.1]hept-2-yl(phenylmethyl)amino]-1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]- (9CI) (CA INDEX NAME)



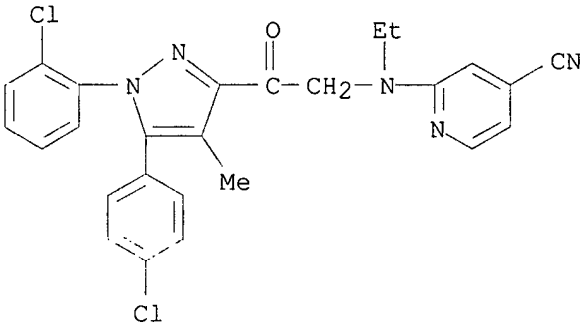
RN 709034-23-1 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[[1-(phenylmethyl)-3-pyrrolidinyl]methyl]amino]- (9CI) (CA INDEX NAME)



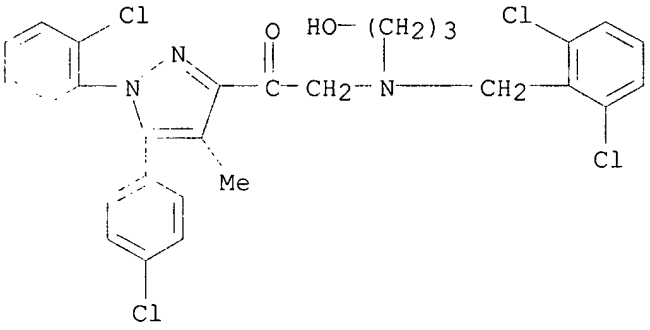
RN 709034-27-5 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[[2-(hydroxymethyl)cyclohexyl](phenylmethyl)amino]- (9CI) (CA INDEX NAME)



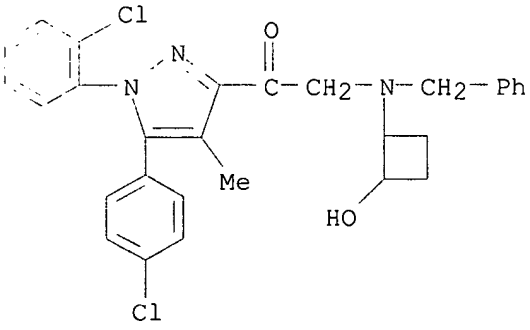
RN 709034-29-7 HCAPLUS
CN 4-Pyridinecarbonitrile, 2-[[2-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-oxoethyl]ethylamino]- (9CI) (CA INDEX NAME)



RN 709034-30-0 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[[(2,6-dichlorophenyl)methyl](3-hydroxypropyl)amino]- (9CI) (CA INDEX NAME)

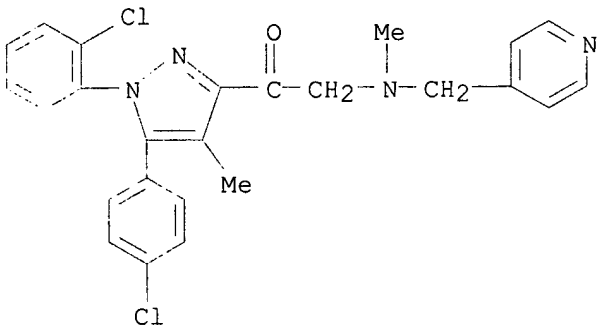


RN 709034-31-1 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(2-hydroxycyclobutyl)(phenylmethyl)amino]- (9CI) (CA INDEX NAME)

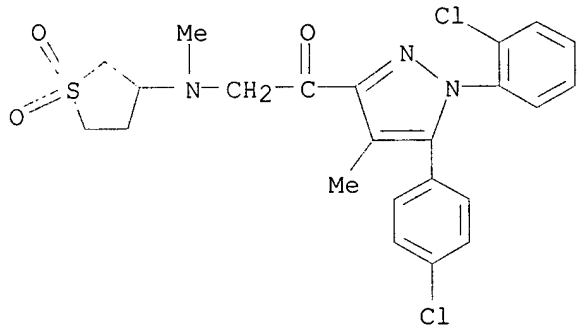


RN 709034-42-4 HCAPLUS

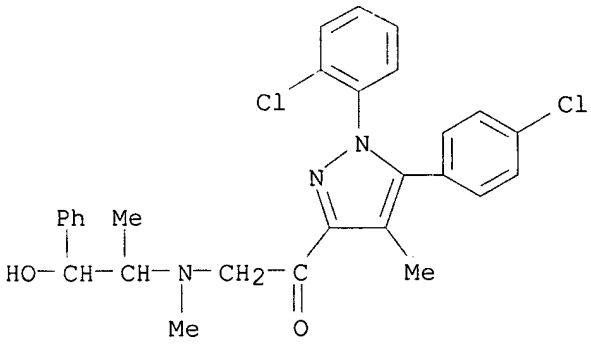
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl(4-pyridinylmethyl)amino]- (9CI) (CA INDEX NAME)



RN 709034-46-8 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl(tetrahydro-1,1-dioxido-3-thienyl)amino]- (9CI) (CA INDEX NAME)

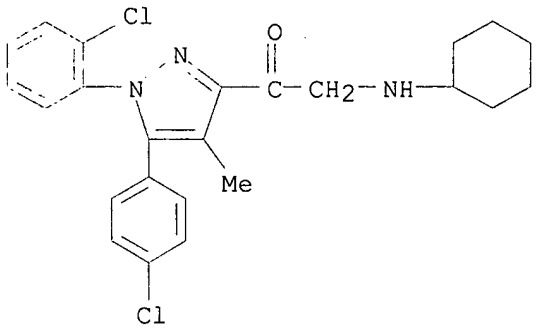


RN 709034-47-9 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(2-hydroxy-1-methyl-2-phenylethyl)methylamino]- (9CI) (CA INDEX NAME)

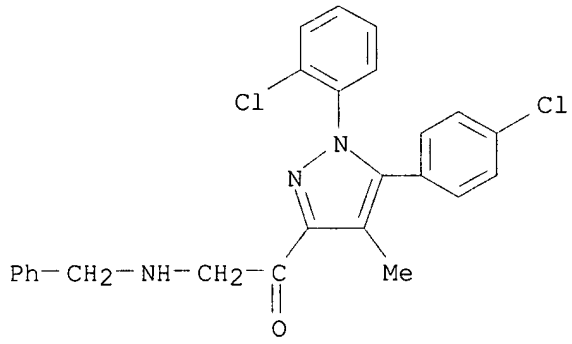


RN 709034-50-4 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-

yl]-2-(cyclohexylamino)- (9CI) (CA INDEX NAME)

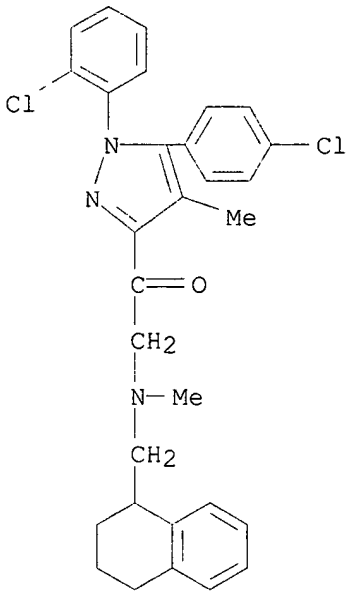


RN 709034-51-5 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(phenylmethyl)amino]-, hydrochloride (9CI) (CA INDEX NAME)

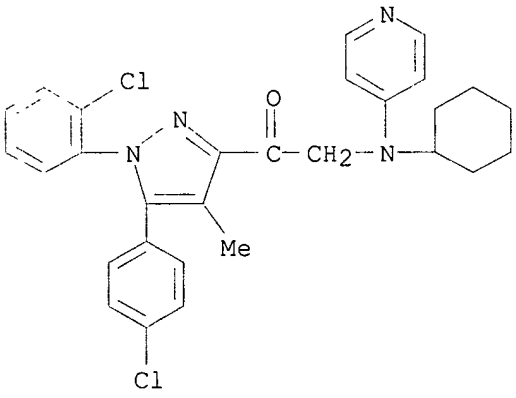


● x HCl

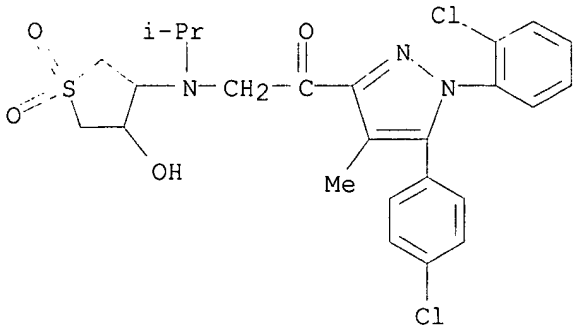
RN 709034-59-3 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[(1,2,3,4-tetrahydro-1-naphthalenyl)methyl]amino]- (9CI) (CA INDEX NAME)



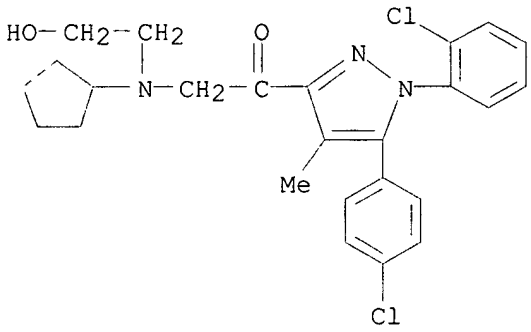
RN 709034-62-8 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-(cyclohexyl-4-pyridinylamino)- (9CI) (CA INDEX NAME)



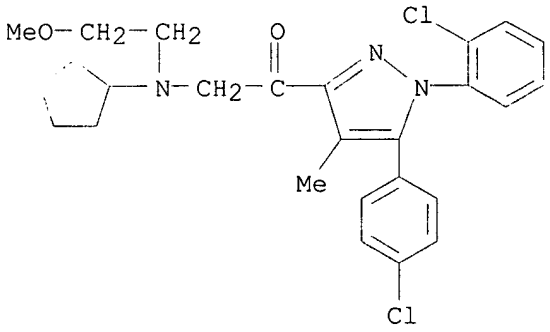
RN 709034-63-9 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(1-methylethyl)(tetrahydro-4-hydroxy-1,1-dioxido-3-thienyl)amino]- (9CI) (CA INDEX NAME)



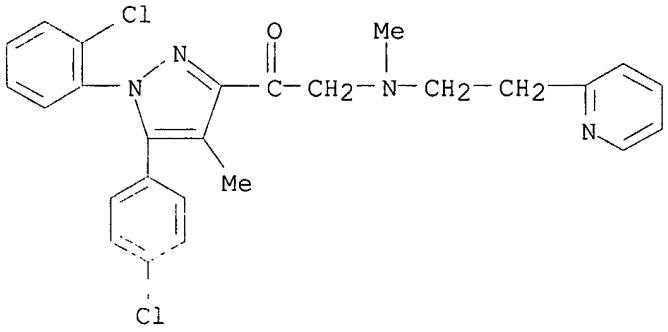
RN 709034-73-1 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[cyclopentyl(2-hydroxyethyl)amino]- (9CI) (CA INDEX NAME)



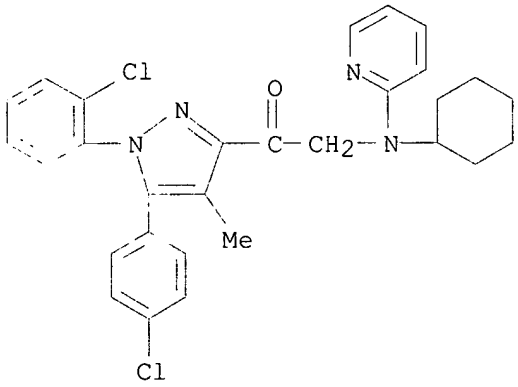
RN 709034-84-4 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[cyclopentyl(2-methoxyethyl)amino]- (9CI) (CA INDEX NAME)



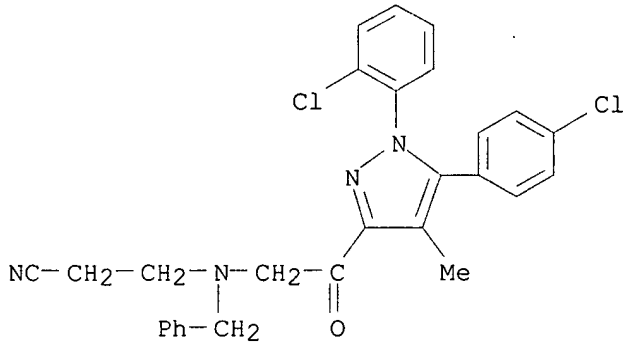
RN 709034-90-2 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[methyl[2-(2-pyridinyl)ethyl]amino]- (9CI) (CA INDEX NAME)



RN 709035-03-0 HCAPLUS
CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-(cyclohexyl-2-pyridinylamino)- (9CI) (CA INDEX NAME)

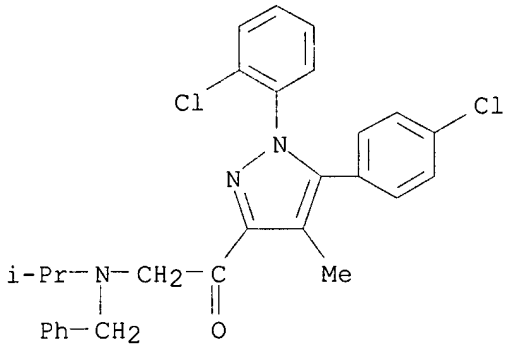


RN 709035-26-7 HCAPLUS
CN Propanenitrile, 3-[[2-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-oxoethyl](phenylmethyl)amino]- (9CI) (CA INDEX NAME)



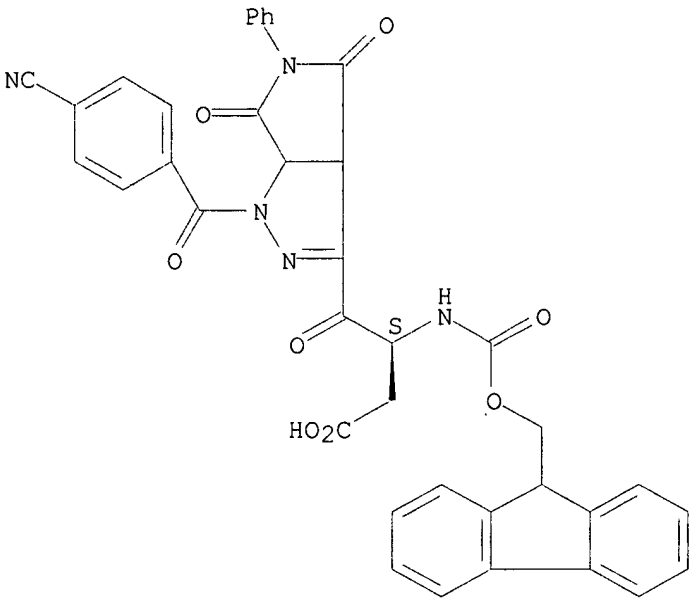
IT 709036-72-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of pyrazoles and imidazoles as cannabinoid CB1 receptor antagonists)
RN 709036-72-6 HCAPLUS

CN Ethanone, 1-[1-(2-chlorophenyl)-5-(4-chlorophenyl)-4-methyl-1H-pyrazol-3-yl]-2-[(1-methylethyl)(phenylmethyl)amino]- (9CI) (CA INDEX NAME)



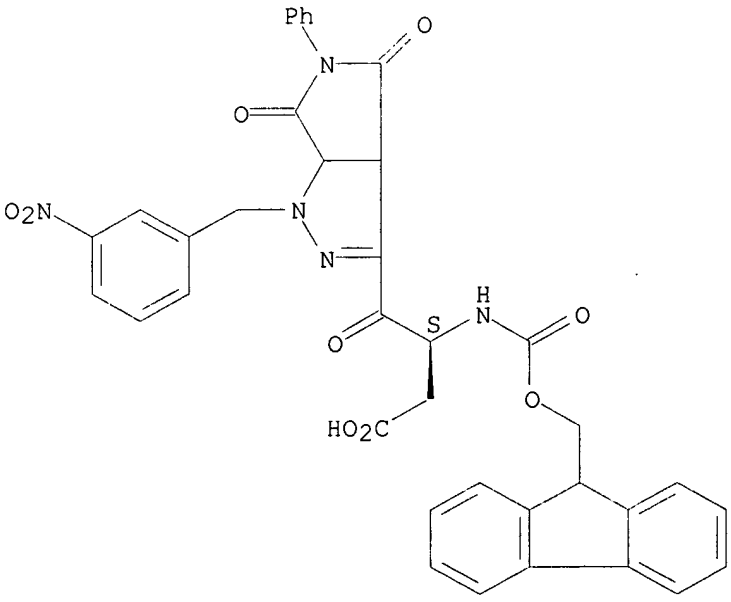

L10 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:46888 HCAPLUS
DOCUMENT NUMBER: 137:33494
TITLE: Amino acid derivatives as building blocks in solid phase synthesis: Use of diazomethyl ketones as 1,3-dipoles in cycloaddition reactions
AUTHOR(S): Mujica, M. Teresa; Jung, Gunther
CORPORATE SOURCE: Institut fur Organische Chemie, Eberhard-Karls-Universitat Tubingen Auf der Morgenstelle 18, Tubingen, D 72076, Germany
SOURCE: Innovation and Perspectives in Solid Phase Synthesis & Combinatorial Libraries: Peptides, Proteins and Nucleic Acids--Small Molecule Organic Chemistry Diversity, Collected Papers, International Symposium, 6th, York, United Kingdom, Aug. 31-Sept. 4, 1999 (2001), Meeting Date 1999, 327-330. Editor(s): Epton, Roger. Mayflower Scientific Ltd.: Kingswinford, UK.
CODEN: 69CEGV; ISBN: 0-9515735-3-5
DOCUMENT TYPE: Conference
LANGUAGE: English
IT 436156-84-2P 436156-87-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(solid-phase synthesis of triazabicycles using diazomethyl ketone amino acid derivs. as dipoles in cycloaddn. reactions)
RN 436156-84-2 HCAPLUS
CN Pyrrolo[3,4-c]pyrazole-3-butanoic acid, 1-(4-cyanobenzoyl)-β-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]-1,3a,4,5,6,6a-hexahydro-γ,4,6-trioxo-5-phenyl-, (βS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 436156-87-5 HCAPLUS
CN Pyrrolo[3,4-c]pyrazole-3-butanoic acid, β-[[(9H-fluoren-9-ylmethoxy)carbonyl]amino]-1,3a,4,5,6,6a-hexahydro-1-[(3-nitrophenyl)methyl]-γ,4,6-trioxo-5-phenyl-, (βS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



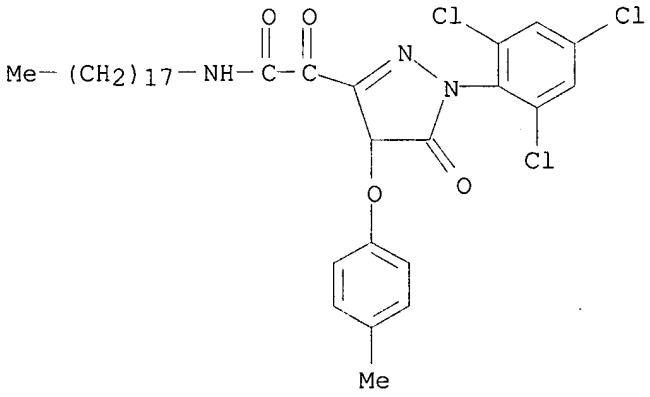
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:753428 HCAPLUS

DOCUMENT NUMBER: 123:156267
TITLE: Photographic element and process employing hue correction couplers.
INVENTOR(S): Singer, Stephen Paul; Mooberry, Jared Ben
PATENT ASSIGNEE(S): Eastman Kodak Co., USA
SOURCE: Eur. Pat. Appl., 42 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| EP 649056 | A2 | 19950419 | EP 1994-202998 | 19941015 |
| EP 649056 | A3 | 19950927 | | |
| EP 649056 | B1 | 19990217 | | |
| R: BE, CH, DE, FR, GB, IT, LI, NL | | | | |
| US 5447831 | A | 19950905 | US 1993-139238 | 19931019 |
| JP 07199427 | A2 | 19950804 | JP 1994-252331 | 19941018 |

PRIORITY APPLN. INFO.: US 1993-139238 A 19931019
IT 166890-52-4P
RL: DEV (Device component use); MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
(Photog. element and process employing hue correction couplers)
RN 166890-52-4 HCAPLUS
CN 1H-Pyrazole-3-acetamide, 4,5-dihydro-4-(4-methylphenoxy)-N-octadecyl-α,5-dioxo-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)

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=> file reg
COST IN U.S. DOLLARS

| | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 16.57 | 404.35 |

FILE 'REGISTRY' ENTERED AT 16:28:45 ON 18 OCT 2006
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STRUCTURE FILE UPDATES: 17 OCT 2006 HIGHEST RN 910609-94-8
DICTIONARY FILE UPDATES: 17 OCT 2006 HIGHEST RN 910609-94-8

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http://www.cas.org/ONLINE/UG/regprops.html

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Uploading C:\Program Files\Stnexp\Queries\10702149\a4.str

chain nodes :
8 14 15 16 20 21 22 23 24 25
ring nodes :

1 2 3 4 5 9 10 11 12 13
chain bonds :
1-22 3-8 10-24 12-14 15-16 15-20 20-21 22-23 24-25
ring bonds :
1-2 1-5 2-3 3-4 4-5 9-10 9-13 10-11 11-12 12-13
exact/norm bonds :
1-2 1-5 1-22 2-3 3-4 3-8 4-5 9-10 9-13 10-11 11-12 12-13 12-14 15-16
20-21 22-23 24-25
exact bonds :
10-24 15-20

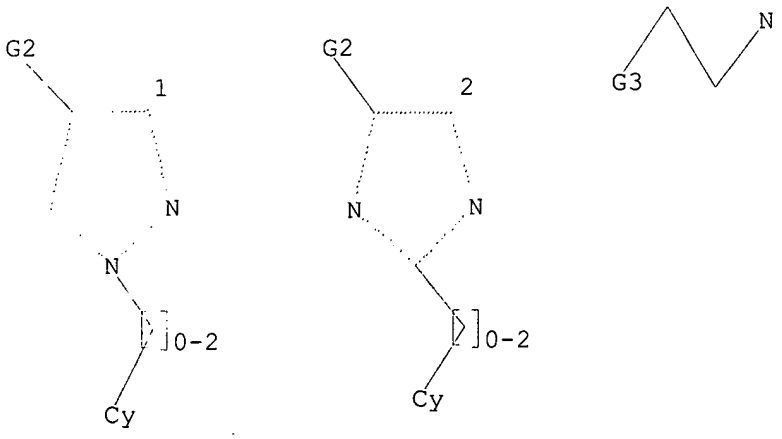
G2:H,X,Ak,CN

G3:[*1],[*2]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 8:CLASS 9:Atom 10:Atom 11:Atom 12:Atom
13:Atom 14:CLASS 15:CLASS 16:CLASS 20:CLASS 21:CLASS 22:CLASS 23:Atom
24:CLASS 25:Atom
Generic attributes :
23:
Saturation : Unsaturated
25:
Saturation : Unsaturated

L11 STRUCTURE UPLOADED

=> d
L11 HAS NO ANSWERS
L11 STR




G1
G2 H,X,Ak,CN
G3 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

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=> s l11
SAMPLE SEARCH INITIATED 16:29:08 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    12621 TO ITERATE

 15.8% PROCESSED     2000 ITERATIONS                                  9 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:       245689 TO   259151
PROJECTED ANSWERS:             683 TO     1587

L12           9 SEA SSS SAM L11

=> s l11 full
FULL SEARCH INITIATED 16:29:13 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   253355 TO ITERATE

100.0% PROCESSED   253355 ITERATIONS                            1048 ANSWERS
SEARCH TIME: 00.00.13

L13        1048 SEA SSS FUL L11

=> file hcaplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               166.94     571.29

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FILE COVERS 1907 - 18 Oct 2006  VOL 145 ISS 17
FILE LAST UPDATED: 17 Oct 2006  (20061017/ED)

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 substance identification.

=> s l13
L14        143 L13

=>
```

Andrew Freistein 10/702,149

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 2.53 | 573.82 |

STN INTERNATIONAL LOGOFF AT 16:29:52 ON 18 OCT 2006